



F-7776

0500
#2 0280

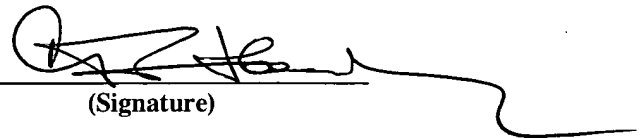
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Junichi YAMAGISHI
Serial No. : 10/393,895
Filed : March 21, 2003
For : PERSONAL AUTHENTICATION SYSTEM AND
SALES MANAGEMENT SYSTEM

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C. Bruce Hamburg
(Name)


(Signature)

Assistant Commissioner for Patents
Washington, D.C. 20231

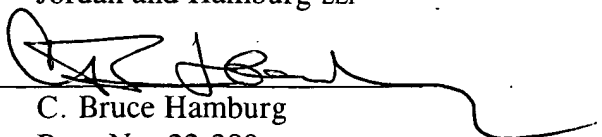
SUBMISSION OF DECLARATION

Sir:

The application was filed without a declaration and the declaration is submitted herewith. Please charge the \$65.00 small entity government fee for late filing of the declaration to Deposit Account 10-1250. Please charge any fee deficiency or credit any overpayment to Deposit Account No. 10-1250.

05/21/2003 HAMBURG1 00000002 101250 10393895
01 FC:2051 65.00 CH

Respectfully submitted,
Jordan and Hamburg LLP

By 
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Reg. No. 22,389
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New York, New York 10168
(212) 986-2340

RAW SEQUENCE LISTING

DATE: 09/13/2001

PATENT APPLICATION: US/09/935,727

TIME: 11:26:31

Input Set : A:\454P2-SL.txt

Output Set: N:\CRF3\09132001\I935727.raw

	30	35	40	
73				
75	gag aca ggg gag cgg ctg gtg tgc gcc cag tgc ccc cca ggc acc ttt			195
76	Glu Thr Gly Glu Arg Leu Val Cys Ala Gln Cys Pro Pro Gly Thr Phe			
77		45	50	55
79	gtg cag cgg ccg tgc cgc cga gac agc ccc acg acg tgt ggc ccg tgt			243
80	Val Gln Arg Pro Cys Arg Arg Asp Ser Pro Thr Thr Cys Gly Pro Cys			
81		60	65	70
83	cca ccg cgc cac tac acg cag ttc tgg aac tac ctg gag cgc tgc cgc			291
84	Pro Pro Arg His Tyr Thr Gln Phe Trp Asn Tyr Leu Glu Arg Cys Arg			
85		75	80	85
87	tac tgc aac gtc ctc tgc ggg gag cgt gag gag gag gca cgg gct tgc			339
88	Tyr Cys Asn Val Leu Cys Gly Glu Arg Glu Glu Glu Ala Arg Ala Cys			
89	90	95	100	105
91	cac gcc acc cac aac cgt gcc tgc cgc tgc cgc acc ggc ttc ttc gcg			387
92	His Ala Thr His Asn Arg Ala Cys Arg Cys Arg Thr Gly Phe Phe Ala			
93		110	115	120
95	cac gct ggt ttc tgc ttg gag cac gca tgc tgt cca cct ggt gcc ggc			435
96	His Ala Gly Phe Cys Leu Glu His Ala Ser Cys Pro Pro Gly Ala Gly			
97		125	130	135
99	gtg att gcc ccg ggc acc ccc agc cag aac acg cag tgc cag ccg tgc			483
100	Val Ile Ala Pro Gly Thr Pro Ser Gln Asn Thr Gln Cys Gln Pro Cys			
101		140	145	150
103	ccc cca ggc acc ttc tca gcc agc agc tcc agc tca gag cag tgc cag			531
104	Pro Pro Gly Thr Phe Ser Ala Ser Ser Ser Ser Ser Glu Gln Cys Gln			
105		155	160	165
107	ccc cac cgc aac tgc acg gcc ctg ggc ctg gcc ctc aat gtg cca ggc			579
108	Pro His Arg Asn Cys Thr Ala Leu Gly Leu Ala Leu Asn Val Pro Gly			
109	170	175	180	185
111	tct tcc tcc cat gac acc ctg tgc acc agc tgc act ggc ttc ccc ctc			627
112	Ser Ser Ser His Asp Thr Leu Cys Thr Ser Cys Thr Gly Phe Pro Leu			
113		190	195	200
115	agc acc agg gta cca gga gct gag gag tgt gag cgt gcc gtc atc gac			675
116	Ser Thr Arg Val Pro Gly Ala Glu Glu Cys Glu Arg Ala Val Ile Asp			
117		205	210	215
119	ttt gtg gct ttc cag gac atc tcc atc aag agg ctg cag cgg ctg ctg			723
120	Phe Val Ala Phe Gln Asp Ile Ser Ile Lys Arg Leu Gln Arg Leu Leu			
121		220	225	230
123	cag gcc ctc gag gcc ccg gag ggc tgg ggt ccg aca cca agg gcg ggc			771
124	Gln Ala Leu Glu Ala Pro Glu Gly Trp Gly Pro Thr Pro Arg Ala Gly			
125		235	240	245
127	cgc gcg gcc ttg cag ctg aag ctg cgt cgg cgg ctc acg gag ctc ctg			819
128	Arg Ala Ala Leu Gln Leu Lys Leu Arg Arg Arg Leu Thr Glu Leu Leu			
129	250	255	260	265
131	ggg gcg cag gac ggg gcg ctg ctg gtg cgg ctg ctg cag gcg ctg cgc			867
132	Gly Ala Gln Asp Gly Ala Leu Leu Val Arg Leu Leu Gln Ala Leu Arg			
133		270	275	280
135	gtg gcc agg atg ccc ggg ctg gag cgg agc gtc cgt gag cgc ttc ctc			915
136	Val Ala Arg Met Pro Gly Leu Glu Arg Ser Val Arg Glu Arg Phe Leu			
137		285	290	295

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139 cct gtg cac tgatcctggc cccctcttat ttattctaca tccttggcac          964
140 Pro Val His
141      300
143 cccacttgca ctgaaagagg ctttttttta aatagaagaa atgaggtttc ttaaagctta 1024
145 tttttataaaa gctttttcat aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaa      1077
148 <210> SEQ ID NO: 2
149 <211> LENGTH: 300
150 <212> TYPE: PRT
151 <213> ORGANISM: Homo sapiens
153 <400> SEQUENCE: 2
154 Met Arg Ala Leu Glu Gly Pro Gly Leu Ser Leu Leu Cys Leu Val Leu
155   1          5          10          15
157 Ala Leu Pro Ala Leu Leu Pro Val Pro Ala Val Arg Gly Val Ala Glu
158      20          25          30
160 Thr Pro Thr Tyr Pro Trp Arg Asp Ala Glu Thr Gly Glu Arg Leu Val
161      35          40          45
163 Cys Ala Gln Cys Pro Pro Gly Thr Phe Val Gln Arg Pro Cys Arg Arg
164      50          55          60
166 Asp Ser Pro Thr Thr Cys Gly Pro Cys Pro Pro Arg His Tyr Thr Gln
167      65          70          75          80
169 Phe Trp Asn Tyr Leu Glu Arg Cys Arg Tyr Cys Asn Val Leu Cys Gly
170      85          90          95
172 Glu Arg Glu Glu Glu Ala Arg Ala Cys His Ala Thr His Asn Arg Ala
173      100         105         110
175 Cys Arg Cys Arg Thr Gly Phe Phe Ala His Ala Gly Phe Cys Leu Glu
176      115         120         125
178 His Ala Ser Cys Pro Pro Gly Ala Gly Val Ile Ala Pro Gly Thr Pro
179      130         135         140
181 Ser Gln Asn Thr Gln Cys Gln Pro Cys Pro Pro Gly Thr Phe Ser Ala
182 145          150          155          160
184 Ser Ser Ser Ser Ser Glu Gln Cys Gln Pro His Arg Asn Cys Thr Ala
185      165          170          175
187 Leu Gly Leu Ala Leu Asn Val Pro Gly Ser Ser Ser His Asp Thr Leu
188      180          185          190
190 Cys Thr Ser Cys Thr Gly Phe Pro Leu Ser Thr Arg Val Pro Gly Ala
191      195         200         205
193 Glu Glu Cys Glu Arg Ala Val Ile Asp Phe Val Ala Phe Gln Asp Ile
194      210         215         220
196 Ser Ile Lys Arg Leu Gln Arg Leu Leu Gln Ala Leu Glu Ala Pro Glu
197 225          230          235          240
199 Gly Trp Gly Pro Thr Pro Arg Ala Gly Arg Ala Ala Leu Gln Leu Lys
200      245          250          255
202 Leu Arg Arg Arg Leu Thr Glu Leu Leu Gly Ala Gln Asp Gly Ala Leu
203      260          265          270
205 Leu Val Arg Leu Leu Gln Ala Leu Arg Val Ala Arg Met Pro Gly Leu
206      275          280          285
208 Glu Arg Ser Val Arg Glu Arg Phe Leu Pro Val His
209      290          295          300
213 <210> SEQ ID NO: 3

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RAW SEQUENCE LISTING

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214 <211> LENGTH: 1667
215 <212> TYPE: DNA
216 <213> ORGANISM: Homo sapiens
218 <220> FEATURE:
219 <221> NAME/KEY: CDS
220 <222> LOCATION: (73)..(582)
222 <400> SEQUENCE: 3
223 tggcatgtcg gtcaggcaca gcagggtcct gtgtccgcgc tgagccgcgc tctccctgct 60
225 ccagcaagga cc atg agg gcg ctg gag ggg cca ggc ctg tcg ctg tgc 111
226 Met Arg Ala Leu Glu Gly Pro Gly Leu Ser Leu Leu Cys
227      1              5              10
229 ctg gtg ttg gcg ctg cct gcc ctg ctg ccg gtg ccg gct gta cgc gga 159
230 Leu Val Leu Ala Leu Pro Ala Leu Leu Pro Val Pro Ala Val Arg Gly
231      15              20              25
233 gtg gca gaa aca ccc acc tac ccc tgg cgg gac gca gag aca ggg gag 207
234 Val Ala Glu Thr Pro Thr Tyr Pro Trp Arg Asp Ala Glu Thr Gly Glu
235      30              35              40              45
237 cgg ctg gtg tgc gcc cag tgc ccc cca ggc acc ttt gtg cag cgg ccg 255
238 Arg Leu Val Cys Ala Gln Cys Pro Pro Gly Thr Phe Val Gln Arg Pro
239      50              55              60
241 tgc cgc cga gac agc ccc acg acg tgt ggc ccg tgt cca ccg cgc cac 303
242 Cys Arg Arg Asp Ser Pro Thr Thr Cys Gly Pro Cys Pro Pro Arg His
243      65              70              75
245 tac acg cag ttc tgg aac tac ctg gag cgc tgc cgc tac tgc aac gtc 351
246 Tyr Thr Gln Phe Trp Asn Tyr Leu Glu Arg Cys Arg Tyr Cys Asn Val
247      80              85              90
249 ctc tgc ggg gag cgt gag gag gag gca cgg gct tgc cac gcc acc cac 399
250 Leu Cys Gly Glu Arg Glu Glu Glu Ala Arg Ala Cys His Ala Thr His
251      95              100             105
253 aac cgt gcc tgc cgc tgc cgc acc ggc ttc ttc gcg cac gct ggt ttc 447
254 Asn Arg Ala Cys Arg Cys Arg Thr Gly Phe Phe Ala His Ala Gly Phe
255      110             115             120             125
257 tgc ttg gag cac gca tcg tgt cca cct ggt gcc ggc gtg att gcc ccg 495
258 Cys Leu Glu His Ala Ser Cys Pro Pro Gly Ala Gly Val Ile Ala Pro
259      130             135             140
261 ggt gag agc tgg gcg agg gga ggg gcc ccc agg agt ggt ggc cgg agg 543
262 Gly Glu Ser Trp Ala Arg Gly Gly Ala Pro Arg Ser Gly Gly Arg Arg
263      145             150             155
265 tgt ggc agg ggt cag gtt gct ggt ccc agc ctt gca ccc tgagctagga 592
266 Cys Gly Arg Gly Gln Val Ala Gly Pro Ser Leu Ala Pro
267      160             165             170
269 caccagttcc cctgaccctg ttcttccctc ctggctgcag gcacccccag ccagaacacg 652
271 cagtgccagc cgtgcccccc aggcaccttc tcagccagca gctccagctc agagcagtgc 712
273 cagccccacc gcaactgcac ggccctgggc ctggccctca atgtgccagg ctcttcctcc 772
275 catgacaccc tgtgcaccag ctgcactggc ttccccctca gcaccagggt accagggtgag 832
277 ccagaggcct gagggggcag cacactgcag gccaggccca cttgtgccct cactcctgcc 892
279 cctgcacgtg catctagcct gaggcctgcc agctggctct gggaaggggc cacagtggat 952
281 ttgaggggtc aggggtccct ccactagatc cccaccaagt ctgccctctc aggggtggct 1012
283 gagaatttgg atctgagcca gggcacagcc tccccctggag agctctggga aagtgggcag 1072

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Input Set : A:\454P2-SL.txt

Output Set: N:\CRF3\09132001\I935727.raw

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285 caatctccta actgcccagag gggaagggtgg ctggctcctc tgacacgggg aaaccgaggc 1132
287 ctgatggtaa ctctcctaac tgcctgagag gaagggtggct gcctcctctg acatggggaa 1192
289 accgaggccc aatgttaacc actgttgaga agtcacaggg ggaagtgacc cccttaacat 1252
291 caagtcaggc cgggtccatc tgcagggtccc aactcgcccc ttccgatggc ccaggagccc 1312
293 caagcccttg cctgggcccc cttgcctctt gcagccaagg tccgagtggc cgctcctgcc 1372
295 ccctaggcct ttgtccagc tctctgaccg aaggtcctg ccccttctcc agtccccatc 1432
297 gttgactgc cctctccagc acggctcact gcacagggat ttctctctcc tgcaaaccac 1492
299 ccgagtgggg cccagaaagc agggtaacctg gcagcccccg ccagtgtgtg tgggtgaaat 1552
301 gatcggaccg ctgcctcccc accccactgc aggagctgag gagtgtgagc gtgccgtcat 1612
303 cgactttgtg gctttccagg acatctccat caagaggagc ggctgctgca ggccc 1667

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306 <210> SEQ ID NO: 4

307 <211> LENGTH: 170

308 <212> TYPE: PRT

309 <213> ORGANISM: Homo sapiens

311 <400> SEQUENCE: 4

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312 Met Arg Ala Leu Glu Gly Pro Gly Leu Ser Leu Leu Cys Leu Val Leu
313   1           5           10           15
315 Ala Leu Pro Ala Leu Leu Pro Val Pro Ala Val Arg Gly Val Ala Glu
316           20           25           30
318 Thr Pro Thr Tyr Pro Trp Arg Asp Ala Glu Thr Gly Glu Arg Leu Val
319           35           40           45
321 Cys Ala Gln Cys Pro Pro Gly Thr Phe Val Gln Arg Pro Cys Arg Arg
322           50           55           60
324 Asp Ser Pro Thr Thr Cys Gly Pro Cys Pro Pro Arg His Tyr Thr Gln
325           65           70           75           80
327 Phe Trp Asn Tyr Leu Glu Arg Cys Arg Tyr Cys Asn Val Leu Cys Gly
328           85           90           95
330 Glu Arg Glu Glu Glu Ala Arg Ala Cys His Ala Thr His Asn Arg Ala
331           100          105          110
333 Cys Arg Cys Arg Thr Gly Phe Phe Ala His Ala Gly Phe Cys Leu Glu
334           115          120          125
336 His Ala Ser Cys Pro Pro Gly Ala Gly Val Ile Ala Pro Gly Glu Ser
337           130          135          140
339 Trp Ala Arg Gly Gly Ala Pro Arg Ser Gly Gly Arg Arg Cys Gly Arg
340          145          150          155          160
342 Gly Gln Val Ala Gly Pro Ser Leu Ala Pro
343           165          170

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347 <210> SEQ ID NO: 5

348 <211> LENGTH: 455

349 <212> TYPE: PRT

350 <213> ORGANISM: Homo sapiens

352 <400> SEQUENCE: 5

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353 Met Gly Leu Ser Thr Val Pro Asp Leu Leu Leu Pro Leu Val Leu Leu
354   1           5           10           15
356 Glu Leu Leu Val Gly Ile Tyr Pro Ser Gly Val Ile Gly Leu Val Pro
357           20           25           30
359 His Leu Gly Asp Arg Glu Lys Arg Asp Ser Val Cys Pro Gln Gly Lys
360           35           40           45
362 Tyr Ile His Pro Gln Asn Asn Ser Ile Cys Cys Thr Lys Cys His Lys

```

Use of n and / or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to ensure a corresponding explanation is present in the <220> to <223> fields of each sequence using n or Xaa.

VERIFICATION SUMMARY

DATE: 09/13/2001

PATENT APPLICATION: US/09/935,727

TIME: 11:26:32

Input Set : A:\454P2-SL.txt

Output Set: N:\CRF3\09132001\I935727.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number

L:1434 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17

L:1436 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17

L:1437 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17

L:1438 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17

L:1439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17

L:1440 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17

L:1441 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17

L:1442 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17

L:1471 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18

L:1472 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18

L:1473 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18

L:1474 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18